ABSTRACT OF THE DISCLOSURE

A retention memory retains 2D image data picked-up and output by camera portion in association with corresponding thumbnail image data. The 2D image data retained in the retention memory is converted to 3D image data formed of image data for left-eye and for right-eye for stereoscopic vision of the image as desired. A retention portion creates thumbnail image data with a shrunken image based on this 3D image data and stores the created thumbnail image data and the 3D image data in the retention memory in association with each other. The thumbnail image data is created, for example, by reducing the left-eye image data and the right-eye image data of the 3D image data to satisfy a thumbnail size. A listing of thumbnails based on the thumbnail image data in retention memory is displayed on a display portion so that the retained image can be recognized at a glance.